

### **ABSTRACT OF THE DISCLOSURE**

A method of aligning an optics deck in six degrees of freedom comprising: mounting an optics deck having a scanline slot on an optics alignment station by means of three adjustable leveler assemblies located at three apexes of a triangle which enclose the slot and whose sides establish axes about which  
5 adjustment of the leveler assemblies is carried out such that the bottom surface of the optics deck is parallel to the optics alignment station and at a known height relative to the optics alignment station; translating the optics deck to bring it into proper optical alignment by translating the deck linearly along an axis coincident  
10 with the center line of the slot and rotationally about first and second points coincident with the end points of the scan line; and fixing the optics deck after the translating to the leveler assemblies.